

What Is Claimed Is:

1. A method for transmitting a short message (SM) in a fixed network, in which an SMS signal to be transmitted is modulated by FSK (frequency shift keying), wherein the FSK modulation is performed by a suitably programmed computer.

2. A method for receiving a short message (SM) in a fixed network, in which an SMS signal that is to be received and was modulated by FSK (frequency shift keying) is demodulated, wherein the demodulation is performed by a suitably programmed computer.

3. The method as recited in Claim 1 or Claim 2, wherein the computer at least partially takes over the communications control.

4. The method as recited in one of the preceding claims, characterized by the use of a voice-capable modem for communication with an SMSC (Short Message Service Center).

5. The method as recited in one of the preceding claims, wherein the signal transmission takes place at a rate of 1200 bit/s.

6. A device for transmitting a short message (SM) in a fixed network, the device being set up so that, using FSK (frequency shift keying), it modulates an SMS signal to be transmitted, wherein the device has a computer which is programmed so that it is able to perform the FSK modulation.

7. A device for receiving a short message (SM) in a fixed network, the device being set up so that it demodulates an SMS signal to be received that was modulated by FSK (frequency

shift keying),

wherein the device has a computer which is programmed so that it is able to perform the indicated demodulation.

8. A device for transmitting and receiving a short message (SM) in a fixed network, the device being set up so that, using FSK (frequency shift keying), it modulates an SMS signal to be transmitted, and demodulates an SMS signal to be received that was modulated by FSK (frequency shift keying), wherein the device has a computer which is programmed so that it is able to perform both the indicated modulation and the indicated demodulation.

9. The device as recited in one of Claims 6 through 8, wherein the computer is set up so that it can at least partially take over the communications control.

10. The device as recited in one of Claims 6 through 9, characterized by a voice-capable modem for communication with an SMSC (Short Message Service Center).

11. The device as recited in one of Claims 6 through 10, wherein the computer has an ISDN card.